

AMENDMENTS TO SPECIFICATION

In the Abstract please amend as shown. A clean version of the Abstract is on a separate page.

An integrated tuner circuit ~~(20)~~ with has an arbitrary IF (intermediate frequency) output. The tuner includes an integrated circuit with a fixed-frequency control loop ~~(30)~~ and a matched external variable capacitance C_t to achieve tracking of a tuned LC band-pass filter ~~(10)~~ with an arbitrary oscillator.